

**Table 1. Drinking Water and Internal Pipe Crust Results - Detected VOCs and SVOCs**  
Water and Internal Crust Samples from Sites Near Dodge Avenue Water Main Replacement, Illinois  
SCS Engineers Project #25214107.00

(Results are in µg/L)

Site	Media	Date Collected	Lab Report Date	Lab Report Number	Compound	Type	Value (ug/l)	Lab Method Detection Limit (ug/l)	IEPA Reporting Limit (ug/l)	Lab Reporting Limit (ug/l) (if different than IEPA)	Maximum Contaminant Level (ug/l in water)	Present in Water and Crust
-Site 1 E	Water	9/4/15	9/18/15	680-116473-7	Fluoranthene	SVOC	0.02 J	<b>0.019</b>		0.19		x
Site 1 E	Water	9/4/15	9/18/15	680-116473-7	Phenanthrene	SVOC	0.028 J	<b>0.019</b>		0.19		x
Site 1 L	Water	9/4/15	9/18/15	680-116473-8	Fluoranthene	SVOC	.022 J	<b>0.019</b>		0.19		x
Site 1 L	Water	9/4/15	9/18/15	680-116473-8	Phenanthrene	SVOC	.042 J	<b>0.019</b>		0.19		x
Site 1 R2 E	Water	10/6/15	10/19/15	680-117534-1	Fluoranthene	SVOC	.029 J H	<b>0.02</b>		0.19		x
Site 1 R2 E	Water	10/6/15	10/19/15	680-117534-1	Phenanthrene	SVOC	.042 J H	<b>0.02</b>		0.19		x
Interior Pipe Crust 78+10/7'	Crust	8/19/15	8/27/15	500-100137-4	Fluoranthene	SVOC	7100	<b>45</b>		<b>240</b>		x
Interior Pipe Crust 78+10/7'	Crust	8/19/15	8/27/15	500-100137-4	Phenanthrene	SVOC	6000	<b>34</b>		<b>240</b>		x
Interior Pipe Crust 71+50/7'	Crust	8/20/15	8/31/15	500-100240-4	Fluoranthene	SVOC	1200	<b>84</b>		<b>450</b>		x
Interior Pipe Crust 71+50/7'	Crust	8/20/15	8/31/15	500-100240-4	Phenanthrene	SVOC	1700	<b>63</b>		<b>450</b>		x

**Abbreviations and Notes:**

µg/L - micrograms per liter or parts per billion (ppb)

E = Early sample collected after less than 30 seconds of purge

L = Late sample collected after 5 minutes of purge

\* = The IEPA Reporting Limit shown is for Drinking Water, and is therefore not applicable to this solid crust sample.

Maximum Contaminant Levels (MCLs) and IEPA drinking water reporting limits have not been published for many compounds on the table.

**Laboratory Qualifiers**

J = Result is less than the reporting limit (RL) but greater than or equal to the method detection limit (MDL) and the concentration is an approximate value.

F1 = Matrix Spike (MS) and/or Matrix-Spike Duplicate (MSD) recovery is outside acceptance limits.

F2 = Matrix Spike or Matrix Spike Duplicate (MS/MSD) Relative Percent Difference (RPD) exceeds control limits.

H = Sample was prepped or analyzed beyond the specified holding time

